JVC

DVD PLAYER
XV-N327B
XV-N328S

INSTRUCTIONS

GNT0061-003B[EK]

EN 1105MOC-MW-SC

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Region code of DVD VIDEO

This player can play back DVD VIDEO discs whose region code numbers include "2."
Examples of playable DVD VIDEO discs:

The player's region code is printed on the rear of the player

Note of Color system format

This player accommodates the PAL system, and also can play back discs recorded with NTSC system. (NTSC video signals are converted to an PAL signal and output.)

Supplied accessories

If anything is missing, consult your dealer immediately.
- Remote control (x 1)
- R6(SUM-3)/AA(15F) battery (x 2)

Warnings, Cautions and Others

IMPORTANT for the U.K.
DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.
BE SURE to replace the fuse only with an identical approved type, as originally fitted.
If nonetheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.
If this product is not supplied fitted with a mains plug then follow the instructions given below:

IMPORTANT.
DO NOT make any connection to the terminal which is marked with the letter E or by the safety earth symbol or coloured green or green-and-yellow.
The wires in the mains lead on this product are coloured in accordance with the following code:

Blue :	Neutral
Brown :	Live

As these colours may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN.

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

Caution — ⏻/I STANDBY/ON button!
Disconnect the mains plug to shut the power off completely. The ⏻/I STANDBY/ON button in any position does not disconnect the mains line. The power can be remote controlled.

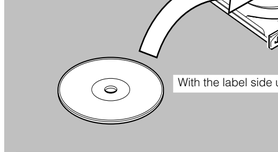
IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM (e)	**ADVARSEL** : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling. (d)	**VARNING** : Synlig och osynlig laserstrålning när apparaten är öppnad och spärren är urkopplad. Betrakta ej strålen. (s)	**VARO** : Avattaessa ja suojalukitus ohitettaessa olet alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)

CAUTION:
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Caution: Proper Ventilation
To avoid risk of electric shock and fire and to protect from damage, locate the apparatus as follows:

Front:	No obstrucitons and open spacing.
Sides:	No obstrucitons in 3 cm from the sides.
Top:	No obstrucitons in 5 cm from the top.
Back:	No obstrucitons in 15 cm from the back.
Bottom:	No obstrucitons, place on the level surface.



Precautions

Notes on the power cord
- When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet. A small amount of power (1.0 W) is always consumed while the power cord is connected to the wall outlet.
- When unplugging the player from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands!
- Disconnect the power cord before cleaning the player or moving the player.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric shock, or other accidents.
- If the cord is damaged, consult a dealer and have the power cord replaced with a new one.

Avoid moisture, water, dust, and high temperatures
- Do not place the player in moist or dusty places.
- If water gets inside the player, turn off the power and remove the plug from the wall outlet, then consult your dealer. Using the player in this state may cause a fire or electrical shock.
- Do not expose the player to direct sunlight or place it near a heating device.

Notes on installation
- Select a place which is level, dry and neither too hot nor too cold between 5˚C and 35˚C.
- Leave sufficient distance between the player and the TV.
- Do not install the player in a place subject to vibrations.
- Do not put heavy objects on the player.

To prevent malfunction of the player
- There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the player.
- Do not block the vents. Blocking the vents may damage the player.

To clean the cabinet
- Use a soft cloth. Follow the relevant instructions on the use of chemically-coated cloths.
- Do not use benzene, thinner or other organic solvents and disinfectants. These may cause deformation or discoloring.

Playable discs

- **DVD VIDEO, Audio CD, Video CD, SVCD**
- DVD-R/-RW written in the DVD VIDEO format
- DivX files on DVD-R/-RW written in the UDF format
- CD-R/RW written in the SVCD, Video CD or Audio CD format
- CD-R/RW written in MP3/JPEG/DivX in accordance with the "ISO 9660" format

Supported Digital audio formats:
Linear PCM, MPEG Multichannel, Dolby Digital, DTS (Digital Theater Systems)*

NOTES
- If a disc gets dirty, scratched or warped, or due to the disc characteristics or recording conditions, the player may not be able to play back such discs.
- The player can play back audio signals recorded in MIX-MODE CD, CD-G, CD-EXTRA and CD TEXT.
- With some discs, operations may not be possible.

* To play back DTS-encoded DVD VIDEO or DTS-encoded Audio CD discs correctly, connect the player to an amplifier with a built-in DTS decoder. Otherwise, playback sound will be distorted.

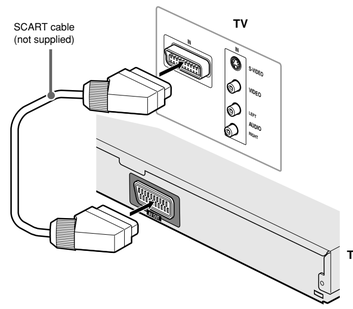
Unplayable discs
If you try to play back discs listed below, noise may be generated and causes damage to speakers.
- DVD-RW written in the VR format
- DVD-ROM, DVD-RAM, DVD AUDIO, CD-ROM, PHOTO CD, SACD
- Unfinalized discs
- Discs of irregular shape or discs with tape, seals or paste on either the label side or playback side. Playing back these discs may damage the player.

The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

Connections

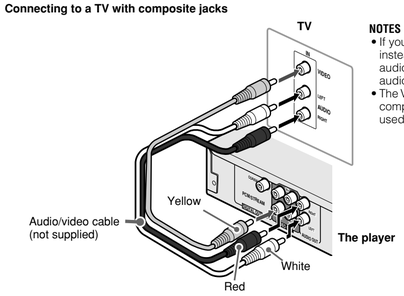
Before making connections:
- **Do not connect the AC power cord until all other connections have been made.**
- **Connect VIDEO OUT of the player directly to the video input of your TV. Connecting VIDEO OUT of the player to a TV via a VCR/an integrated TV/Video system may cause a monitor problem.**

Connecting to a TV with SCART connector



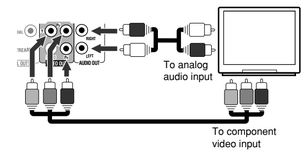
NOTE
The VIDEO jack, AV OUT terminal, and component (Y, PB, PR) jacks cannot be used at the same time.

Connecting to a TV with composite jacks



NOTES
- If your TV has a monaural audio input instead of stereo, use an optional audio cable which converts stereo audio output to monaural.
- The VIDEO jack, AV OUT terminal, and component (Y, PB, PR) jacks cannot be used at the same time.

Connecting to a TV with component jacks



To switch the scanning mode between Progressive and Interlace, press and hold VFP-I/P on the remote control for a few seconds.

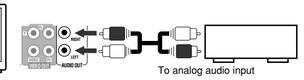
NOTES
- Connect to a TV with composite jacks and set [CONNECTIONS] to [VIDEO COMPONENT] before connecting with component jacks. (See "CONNECTIONS" in "Initial settings.")
- Connect "Y" to "Y," "PB" to "PB(CB)," "PR" to "PR(CR)" correctly.
- The VIDEO jack, AV OUT terminal, and component (Y, PB, PR) jacks cannot be used at the same time.

About the scanning mode indicator

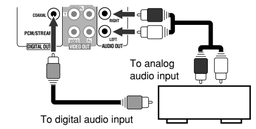
[PICTURE SOURCE] of the PICTURE menu	Source type of DVD VIDEO	
	Film source	Video source
AUTO	[DDP]	[P]
FILM	[DDP]	[DDP]
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]

NOTE
Some progressive TV and High-Definition TV sets are not fully compatible with the player. To check the compatibility of your TV, contact your local JVC customer service center.

Connecting to a stereo audio amplifier (receiver)



Connecting to a digital audio device
To enjoy high-quality surround sound, connect the DIGITAL OUT (COAXIAL) jack to a Dolby Digital or DTS decoder or an amplifier with a built-in decoder.

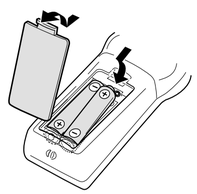


NOTES
- Depending on the disc, no signal may be outputted from the DIGITAL OUT. Make an analog connection in this case.
- Set [DIGITAL AUDIO OUTPUT] in the [AUDIO] preference display correctly according to the connected digital audio equipment. (See "DIGITAL AUDIO OUTPUT" in "Initial settings.")

Turning on the power

Inserting the AC power plug
After all other connections have been made, insert the AC power plug to the wall outlet firmly.

Installing the batteries in the remote control
Open the compartment cover, and place the two supplied R6(SUM-3)/AA(15F) batteries in the remote control according to the polarity markings ("+" and "–") inside the compartment. Then replace the cover.



The batteries will last about six months with normal use. If the functions of the remote control become erratic, replace the batteries.

Precautions of the safe use of batteries
Observe the following precautions for the safe use of batteries. If they are used improperly their lives will be shortened, they may burst or their contents may leak.
- Remove the batteries from the remote control if it is not going to be used for a long period of time.
- Remove dead batteries and dispose of them properly.
- Never leave dead batteries lying around, take them apart, mix them with other refuse, or throw them into an incinerator.
- Never touch liquid that has leaked out of a battery.
- Do not mix new and old batteries, or batteries of different types, when placing them.

Turning on and off the player
Press ⏻/I STANDBY/ON.

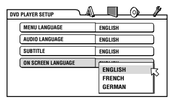
Initial setup

When you turn on the player for the first time after purchase, the following message appears on the TV screen.

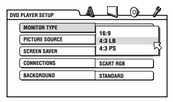
EXECUTE DVD PLAYER SETUP? - BASIC PICTURE/AUDIO SETTING
YES - PRESS ENTER NO - PRESS CANCEL

Before enjoying this player, make the initial settings as follows:

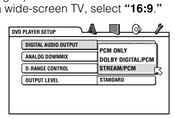
1 Press ENTER.



2 Press ▲/▼ to select the on-screen language for the preference displays, etc., then press ENTER.



3 Press ▲/▼ to select the monitor type, then press ENTER.
- For a normal (conventional) TV, select **"4:3 LB"** or **"4:3 PS."** (See "MONITOR TYPE" in "Initial settings.")
- For a wide-screen TV, select **"16:9."**

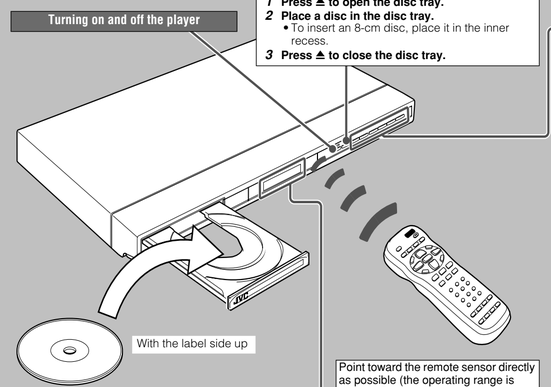


4 Press ▲/▼ to select a desired digital output signal type, then press ENTER.
Set this item correctly according to the logo on your receiver or decoder.
(If you do not connect the player to such a device, press ENTER to finish the setting.)
- Receiver/decoder bearing Dolby Digital logo and no DTS, select **"DOLBY DIGITAL/PCM."**
- Receiver/decoder bearing both Dolby Digital and DTS logos, select **"STREAM/PCM."**
- Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder, select **"PCM ONLY."**

To bring up the DVD PLAYER SETUP display later
Press SET UP for a few seconds until the DVD PLAYER SETUP display appears.

Basic Operations

Turning on and off the player



Insert a disc

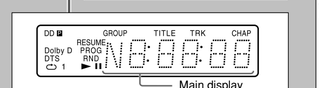
1 Press ⏏ to open the disc tray.
2 Place a disc in the disc tray.
- To insert an 8-cm disc, place it in the inner recess.

3 Press ⏏ to close the disc tray.

About On-screen guide icons

- ▶: Playback.
- ❚❚: Pause.
- ▶❚/❚◀: Slow-motion playback with the current speed.
- ▶▶/◀◀: Fast forward/backward playback with the current speed.
- : At the beginning of a scene containing multi-angle views.
- : At the beginning of a scene containing multi-audio sounds.
- : At the beginning of a scene containing multi-subtitles.

You can change the setting so that the on-screen guide icons do not appear on the TV screen. (See "ON SCREEN GUIDE" in "Initial settings.")



- Each indicator lights up when corresponding function/mode is activated, or corresponding information is on the main display.

Turning on and off the player

Open/close the disc tray

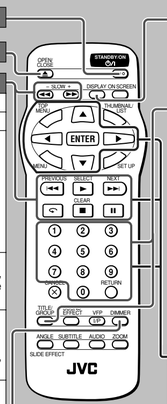
Basic playback

Buttons	To do
▶*	Start/resume normal Playback
■	Stop • When RESUME is ON or DISC RESUME, this player memorizes the position on the disc where you interrupted playback. – To resume playback, press ▶. – To stop playback completely, press ■ again.
❚❚*	Pause • Each time you press the button, the still picture advances to the next frame.
▶▶/◀◀	Fast forward/backward (While paused) Slow-motion playback • Each time you press the button, the playback speed changes.
▶▶I/I◀◀	Skip chapter/track • If you press and hold the button during playback, playback is advanced/reversed at 5 times normal speed.
VARIABLE PLAYBACK	(For DVD Video) The disc is played back at about 1.2 or 1.5 times (FAST)/0.8 or 0.6 times (SLOW) normal speed. The sound is not muted, and the subtitle does not go off (except for DTS). (For SVCD/VCD) The disc is played back at about 2 times (FAST)/0.5 times (SLOW) normal speed.
↶	(Only for DVD Video) The playback position moves back 10 seconds before the current position (only within the same title).

* ▶❚❚ on the player starts/pauses playback.

Changing the display brightness

Press **DIMMER** to change the brightness of the display window.



Changing the display window contents

Each time you press **DISPLAY**, the display window contents changes.

Locating the beginning of a scene or song

You can select a title/chapter/track directly and start playback.
For DVD Video:
(While stopped) select title.
(While playing back) select chapter.
For SVCD/VCD/CD:
Select track.

To select 5: press 5.
To select 23: press 2, then 3.
To select 40: press 4, then 0.
- If you press TITLE/GROUP before entering the number, you can select the title instead of the chapter.

Using the disc menu

You can operate a disc—SVCD/VCD with Playback Control* (PBC)—using the disc menu shown on the TV screen.

* A method of controlling disc play for SVCD/VCD by using the disc menu.

■ For DVD
1 Press TOP MENU or MENU to show the disc menu.
2 Press ▲/▼/◀/▶ to select a desired item, then press ENTER or ▶ (SELECT).
- With some discs, you can also select items by entering the number using the numeric buttons.

■ For SVCD/VCD
1 While stopped, press TOP MENU or ▶ (SELECT) to show the menu.
2 Press the numeric buttons to select a desired item.
To select 5: press 5.
To select 23: press 2, then 3.
To select 40: press 4, then 0.
- To move to the next or previous page of the current menu, press ▶▶I or I◀◀.
- To return to the previous menu, press RETURN.

To play back without PBC
While stopped, press the numeric buttons instead of ▶ (SELECT) to start playback.

To reactivate PBC
- Press TOP MENU or MENU.
- Press ■ to stop playback, then ▶ (SELECT).

Advanced Operations

Changing the language, sound and scene angle

1 Press the button.
2 Press the button repeatedly or ▲/▼ to select the desired item.
3 Press ENTER to finish the setting.

Buttons	To do
AUDIO	For DVD Video: select audio languages. For SVCD/VCD: select the audio channel.
SUBTITLE	select the subtitle.
ANGLE	select the view-angle.

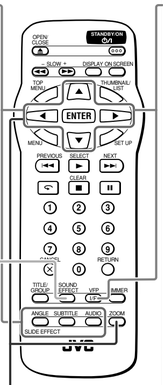
Changing the Sound Field

Each time you press **SOUND EFFECT**, the Sound Effect mode changes.
- As the value becomes bigger, the Sound Effect works stronger.

Zooming the picture

Each time you press **ZOOM**, the magnification changes.
- You can use ▲/▼/◀/▶ button to move the zoomed position.

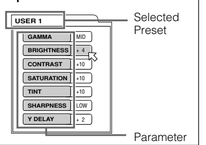
To return to the normal playback, select the normal size by pressing **ZOOM** repeatedly.



Changing the picture tone (VFP)

The VFP (Video Fine Processor) function allows you to adjust the picture character according to the type of programming, picture tone or personal preferences.

1 Press VFP-I/P.
2 Press ◀/▶ to select the desired preset.



NORMAL	For watching TV in a general room.
CINEMA	For watching a movie software in a room with suppressed light.
USER1 USER2	You can adjust parameters that affect the picture character and store the settings as a user preset. See below.

To adjust the picture tone
1 Select "USER1" or "USER2."
2 Press ▲/▼ to select a parameter, then press ENTER.

GAMMA	Adjust this if the neutral color is bright or dark. The brightness of dark and bright portion is maintained (LOW/MID/HIGH).
BRIGHTNESS	Adjust this if the picture is bright or dark on the whole (–16 (darkest) to +16 (brightest)).
CONTRAST	Adjust this if the far and near position is unnatural (–12 to +12).
SATURATION	Adjust this if the picture is whitish or blackish (–16 (blackest) to +16 (whitest)).
TINT	Adjust this if the appearance of flesh tone is unnatural (–16 to +16).
SHARPNESS*	Adjust this if the picture is indistinct (LOW/HIGH).
Y DELAY	Adjust this if the picture looks separately/overlapped (–2 to +2).

3 Press ▲/▼ to adjust the parameter, then press ENTER.
4 Repeat step 2 and 3 to adjust other parameters.
5 Press VFP-I/P to finish the setting.

* Adjustable when setting [CONNECTIONS] in the Initial settings to [VIDEO COMPONENT] or [SCART S-VIDEO].

XV-N327&N328[EK]3.indd 1 05.10.20 10:48:10 AM

Menu bar functions

You can use various functions from the menu bar.

To bring up the menu bar

When a disc is inserted, press ON SCREEN twice.
A menu bar for the type of disc inserted will appear under the status bar.

Ex.: Menu bar for DVD VIDEO

To dismiss the menu bar and the status bar, press ON SCREEN.

Basic operation procedure

1 **Press ◄/► to select the icon you want to work with.**
2 **Press ENTER.**
After pressing ENTER:
(1) When a pull-down menu appears, press ▲/▼ to select the setting you want, then press ENTER.
(2) When a number-entry box appears, use the numeric buttons to enter the number you want, then press ENTER.
(3) When changing TIME setting, press ENTER repeatedly to select the setting you want.

NOTES
- The selected item on the menu bar is shown in green.
- The available functions differ depending on the player status. Refer to the explanation below to check when you can use a certain function.

Menu bar functions

TIME selects the time mode shown in the display window and the status bar.
- TOTAL: Elapsed time of current title (DVD) or a disc (CD/VCD/SVCD)
- T.REM: Remaining time of current title (DVD) or a disc (CD/VCD/SVCD) (Except for DVD: while stopped, disc total time)
- TIME: Elapsed time of current chapter (DVD) or track (CD/VCD/SVCD)
- REM: Remaining time of current chapter (DVD) or track (CD/VCD/SVCD) (while stopped, current track total time)

selects repeat mode.
DVD: During playback
CD: In any condition
VCD/SVCD: In any condition except PBC playback
- CHAPTER: Current chapter repeat (DVD)
- TITLE: Current title repeat (DVD)
- TRACK: Current track repeat (CD/VCD/SVCD)
- ALL: All track repeat (CD/VCD/SVCD)
- A-B: A-B repeat (During playback). After selecting A-B, press ENTER at the beginning point of repeat, then press ENTER again at the end point.
- OFF: Repeat mode deactivated. Select this to quit repeat mode.

specifies beginning point of a title (DVD) or a disc (CD/VCD/SVCD) by the time.
DVD: In any condition
CD: In any condition except program or random playback
VCD/SVCD: In any condition except PBC or program or random playback

CHAP. specifies a chapter to play back from (DVD only).

selects the audio language (DVD), sound track (DVD), or audio channel (VCD/SVCD) during playback.

selects the subtitle language (DVD) or subtitle (SVCD) during playback.

selects a desired scene angle in a multi-angle part (DVD only).

PROG. specifies the playback order of tracks while stopped (unavailable for DVD). You can program up to 99 tracks.

1. After selecting PROG. icon, press the numeric buttons to specify tracks in the desired order.
   - To correct the program, press ▲/▼ to move to the track to be corrected, then press CANCEL. The track is erased and the subsequent programmed tracks move up.
   Pressing ■ clears all the programmed tracks.
2. Press ►(SELECT) to start program playback.
   - During program playback, you cannot edit the program contents.
- To exit the program mode, press ON SCREEN after clearing the program.

RND. activates random playback while stopped (unavailable for DVD).

After selecting RND. icon, press ENTER.
The player starts random playback.

Audio/Video files playback

You can play back MP3/JPEG files on a CD/CD-R/RW and DivX files recorded on CD-R/RW, DVD-R/-RW.
The player supports discs recorded with up to five multiple sessions.

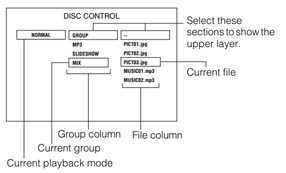
Precautions

- Use “ISO 9660” as the disc format.
- The player does not support “packet writing (UDF files)” discs.
- The player may be unable to play back a disc due to the characteristics or recording conditions.
- The player recognizes up to the fifth layer of groups, 999 files per group (including unplayable files), and up to 250 groups per disc.
- Add the appropriate extension (“.mp3”, “.jpg”, and “.divx”) to the file name.
- MP3i and MP3 Pro are not available.
- The player cannot play back a picture of more than 5120 x 3413 pixels (baseline JPEG) or 2048 x 1536 pixels (progressive JPEG).
- The player supports the DivX files whose resolution is 720 x 480 pixels or less (30 fps), and 720 x 576 pixels or less (25 fps).

Selecting a specific file or group

You can select files or folders (groups) using the Control display on the TV screen.

Control display



Press ▲/▼/◄/► to move the cursor bar to a desired file, then press ►(SELECT).
- When you press ENTER, only the selected file is played back (only for JPEG files).

Various playback mode

- To play back a disc continuously, select NORMAL.

Repeat playback

1. While stopped, press ▲/▼/◄/► to move the cursor bar to playback mode.
2. Press ENTER repeatedly to select the desired repeat mode.
   - REPEAT 1: Repeats the current file.
   - REPEAT GROUP: Repeats all files in the current group.
   - REPEAT ALL: Repeats all files on the disc.
3. Press ► to move the cursor bar to the file column, then press ►(SELECT).

Random playback

1. While stopped, press ▲/▼/◄/► to move the cursor bar to playback mode.
2. Press ENTER repeatedly to select RANDOM.
3. Press ► to move the cursor bar to the file column, then press ►(SELECT).

Program playback

1. While stopped, press ▲/▼/◄/► to move the cursor bar to playback mode.
2. Press ENTER repeatedly to select PROGRAM.
3. Press ▲/▼/◄/► to select the desired file, then press ENTER.
4. Repeat step 3 until all the desired files are selected.
   - To erase the last programmed file, press ◄ to move the cursor bar to the programmed files column, then press CANCEL.
5. Press ►(SELECT).

To zoom in a picture

Press ZOOM.
Each time you press ZOOM, the magnification is changed—
- x1.5/x2 for JPEG files
- x2 for DivX files

NOTE
This function is not available for some JPEG files depending on their resolution size and JPEG format.

To rotate/reflect a still picture

While a still picture is played back:
- Pressing ◄/► rotates the picture by 90°.
- Pressing ▲ reflects the picture vertically.
- Pressing ▼ reflects the picture horizontally.

To select a JPEG files from the thumbnail list

1. Press and hold THUMBNAIL/LIST while a JPEG file is selected on the Control display.
2. Press ▲/▼/◄/► to select the desired picture, then press ENTER.
   - You can change the page of thumbnail list by pressing I◄◄/►►I.

Slide show playback of JPEG files

Press ►(SELECT) while a JPEG file is selected on the Control display.
- To select slide show effect
  Press and hold ANGLE-SLIDE EFFECT until [SLIDE EFFECT MODE:] and the current mode appears on the TV screen.
  By pressing and holding the button repeatedly, you can select the effect from 11 effects, random effect selection (RAND), and no effect (NONE).
  The effect is not applied to progressive JPEG files.

Initial settings

You can change the settings of this player according to your preferences and playing environment.

How to set the Initial settings

1 **Press SET UP.**
2 **Press ◄/► to select the menu.**
3 **Press ▲/▼ to move to select the item.**
4 **Press ENTER.**
5 **Press ▲/▼ to select the options, then press ENTER.**

To dismiss a preference display
Press SET UP.

NOTES
- Some items in the menus cannot be changed during playback.
- During MP3 files playback, you cannot show the menus.
- If the upper and lower parts of the menu are cut off, adjust the picture size control of the TV.
- For settings of the LANGUAGE menu or the PARENTAL LOCK menu, see also “Language codes” below.
- Depending on the disc, the settings may not apply correctly.

LANGUAGE menu

Item	Contents
MENU LANGUAGE	You can select the default menu language of DVD VIDEO.
AUDIO LANGUAGE	You can select the default audio language of DVD VIDEO.
SUBTITLE	You can select the default subtitle language of DVD VIDEO.
ON SCREEN LANGUAGE	You can select “ENGLISH,” “FRENCH,” or “GERMAN” as the on-screen language.

PICTURE menu

Item	Contents
MONITOR TYPE 16:9 4:3 LB 4:3 PS	You can select the monitor type to match your TV when you play back DVD VIDEO discs recorded for wide-screen televisions. **[16:9] (Wide television screen):** For a wide-screen (16:9) TV. **[4:3 LB] (Letter Box conversion):** For a normal (4:3) TV. Displays a wide-screen picture to fit the width of the TV screen keeping the aspect ratio. **[4:3 PS] (Pan Scan conversion):** For a normal (4:3) TV. The picture is zoomed up to filling the screen vertically and the left and right sides of the picture are cut off.
PICTURE SOURCE	You can obtain optimal picture quality by selecting the source type of the disc contents. **[AUTO]:** Normally, select this option. The player recognizes the picture type (film or video source) of the current disc according to the disc information. **[FILM]:** For a film source disc. **[VIDEO(NORMAL)]:** For a video source disc with relatively a few movements. **[VIDEO(ACTIVE)]:** For a video source disc with relatively a lot of movements.
SCREEN SAVER	You can set the screen saver function to ON or OFF.
CONNECTIONS	You need to select the video signal type when you connect the player to a TV with a SCART connector. **[VIDEO COMPONENT]:** A TV accommodates component signals. **[SCART S-VIDEO]:** A TV accommodates S-video (Y/C) signals. **[SCART RGB]:** A TV accommodates RGB signals. **Note:** If a TV accommodates composite signals, select [VIDEO COMPONENT] or [SCART RGB].
BACKGROUND	You can use your favorite image as the opening display. **[STANDARD]:** Display the JVC original image. **[USER]:** Display your favorite image as the opening display when a JPEG image is registered. **[SAVE AS BACKGROUND]:** To register a new image, select this while a JPEG image is displayed on the TV.

AUDIO menu

Item	Contents
DIGITAL AUDIO OUTPUT	Set this item correctly according to the logo on your receiver or decoder. **[PCM ONLY]:** Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder. **[DOLBY DIGITAL/PCM]:** Receiver/decoder bearing Dolby Digital logo and no DTS. **[STREAM/PCM]:** Receiver/decoder bearing both Dolby Digital and DTS logos.
ANALOG DOWNMIX	Set this item properly according to your analog audio connection to play the sound of the surround multichannel audio on a DVD VIDEO. **[DOLBY SURROUND]:** Select this when connecting to a surround decoder. **[STEREO]:** Select this when connecting to a stereo amplifier or TV, or in case you want to record from a DVD VIDEO to a MiniDisc, cassette, etc.
D.RANGE CONTROL	Set this item to listen to DVD VIDEO recorded in Dolby Digital format at low or middle volume. **[WIDE RANGE]:** You can enjoy powerful playback sound. **[NORMAL]:** Normally, select this. **[TV MODE]:** Select this if the sound level of DVD VIDEO is lower than the one of TV program to make the sound at a lower volume clear.
OUTPUT LEVEL	Set this item to attenuate the level of the signal output from the analog AUDIO OUT terminals. If the sound from the speaker is distorted, select [LOW].

OTHERS menu

Item	Contents
RESUME	You can select the resume playback mode. **[ON]:** The player resumes playback from the position where playback has been stopped if the disc is still in the disc tray. **[OFF]:** This function is deactivated. **[DISC RESUME]:** The player resumes playback of the last 10 discs played. The player retains a memory of the stopped position of each disc even if the disc is removed from the disc tray.
ON SCREEN GUIDE	Activate or deactivate the on-screen guide.
AUTO STANDBY	Set the time until the player turns off (into standby) automatically if playback is stopped for more than 30 minutes or 60 minutes.
DivX REGISTRATION	You can confirm of your player’s Registration Code for DivX playback. - Once you played back a disc created by using the Registration Code, the player’s code is overwritten by a totally different new one for copyright protection purpose.
PARENTAL LOCK	Select this item, then press ENTER to show the PARENTAL LOCK menu for limiting playback by children. Scenes which are limited by this function are not played or replaced with other scenes. **[COUNTRY CODE]:** Select the code of your country/area. **[SET LEVEL]:** Select the level of restriction. (“1” is the strictest.) **[PASSWORD]:** Enter your 4-digit password by pressing the numeric buttons (0 to 9). **[EXIT]:** Select this and press ENTER to go back to the OTHERS menu. **Notes:** - Some DVD VIDEO cannot be played by this function. If you try to play such a disc, the PARENTAL LOCK menu appears on the TV and asks whether you want to release the lock or not. To release the lock and play, select “TEMPORARY RELEASE,” press ENTER, then enter your password. Otherwise, eject the disc. - To change the setting of the limitation, you need to enter your password. - If you forget your password, enter “8888.”

Troubleshooting

Power

Power does not come on.
➡ Power plug is not inserted securely. Plug in securely.

Operation

“REGION CODE ERROR!” is shown on the TV.
➡ Region code of the inserted disc does not match the player. Check the region code of the disc printed on the disc jacket.

Operation is not possible.
➡ Microcomputer malfunction due to lightning or static electricity. Turn off the power and unplug the power cord, then connect the power cord again.
➡ Moisture condensation caused by a sudden change of temperature or humidity. Turn off the power, then turn it on a few hours later.
➡ The disc does not allow the operation, or an unplayable disc is inserted. Check and replace the disc.

[LOCK] is displayed on the display window and the disc tray does not open.
➡ When you press ≜ while pressing down ■ on the player in standby mode, the tray lock function is activated. The disc tray cannot be opened or closed in this status. To release this status, press ≜ while pressing down ■ on the player in standby mode.

Picture

Picture is noisy.
➡ The player is connected to a VCR directly and the copyguard function is activated. Connect the player so that the picture signal flows directly to the TV. With some discs, the picture may be blurred when [PICTURE SOURCE] is set to [FILM] or [AUTO]. Set [PICTURE SOURCE] to [VIDEO (NORMAL)] or [VIDEO (ACTIVE)].

No picture is displayed on the TV screen or the screen is blurred or divided into two parts.
➡ The player is in the progressive scanning mode though it is connected to a TV via the VIDEO or SCART connector. Observe the display window. If [P] is turned on, the player is in the progressive scanning mode.
Make the Progressive scanning mode inactive by using the VFP - I/P button.

Audio

DVD VIDEO disc playback sound level is lower than TV broadcast sound level.
➡ Set the [D.RANGE CONTROL] preference to [TV MODE].

Analog audio output is distorted.
➡ Set the [OUTPUT LEVEL] preference to [LOW].

MP3/JPEG/DivX

No sound and/or no picture comes out.
➡ MP3/JPEG disc is recorded with the “packet writing (UDF file).” It cannot be played.
Check the files you want to play back.

Files (tracks) are not played in the recorded order.
➡ This player plays the files in the alphabetic order. So, the playback order can vary.

DivX files are played back without sound.
➡ This player can play back the MP3 sound for the audio part of the DivX files. Select the proper audio CODEC when making DivX files.

Country/Area code list for Parental Lock

AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaijan
BA	Bosnia and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Côte d’Ivoire
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CU	Cuba
CV	Cape Verde
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands
FM	Micronesia (Federated States of)
FO	Faroe Islands
FR	France
FX	France, Metropolitan
GA	Gabon
GB	United Kingdom
GD	Grenada
GE	Georgia
GF	French Guiana
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	South Georgia and the South Sandwich
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard Island and McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran (Islamic Republic of)
IS	Iceland
IT	Italy
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros
KN	Saint Kitts and Nevis
KP	Korea, Democratic People’s Republic of
KR	Korea, Republic of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People’s Democratic Republic
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libyan Arab Jamahiriya
MA	Morocco
MC	Monaco
MD	Moldova, Republic of
MG	Madagascar
MH	Marshall Islands
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macau
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn
PR	Puerto Rico
PT	Portugal
PW	Palau
PY	Paraguay
QA	Qatar
RE	Réunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena
SI	Slovenia
SJ	Svalbard and Jan Mayen
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
ST	Sao Tome and Principe
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TP	East Timor
TR	Turkey
TT	Trinidad and Tobago
TV	Tuvalu
TW	Taiwan
TZ	Tanzania, United Republic of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State (Holy See)
VC	Saint Vincent and the Grenadines
VE	Venezuela
VG	Virgin Islands (British)
VI	Virgin Islands (U.S.)
VN	Vietnam
VU	Vanuatu
WF	Wallis and Futuna Islands
WS	Samoa
YE	Yemen
YT	Mayotte
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe

Language codes list for the LANGUAGE menu

AA	Afar
AB	Abkhazian
AF	Afrikaans
AM	Ameharic
AR	Arabic
AS	Assamese
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Byelorussian
BG	Bulgarian
BH	Bihari
BI	Bislama
BN	Bengali;Ban-gla
BO	Tibetan
BR	Breton
CA	Catalan
CO	Corsican
CS	Czech
CY	Welsh
DA	Danish
DZ	Bhutani
EL	Greek
EO	Esperanto
ET	Estonian
EU	Basque
FA	Persian
FI	Finnish
FJ	Fiji
FO	Faroese
FY	Frisian
GA	Irish
GD	Scots Gaelic
GL	Galician
GN	Guarani
GU	Gujarati
HA	Hausa
HI	Hindi
HR	Croatian
HU	Hungarian
HY	Armenian
IA	Interlingua
IE	Interlingue
IK	Inupiak
IN	Indonesian
IS	Icelandic
IW	Hebrew
JI	Yiddish
JW	Javanese
KA	Georgian
KK	Kazakh
KL	Greenlandic
KM	Cambodian
KN	Kannada
KO	Korean (KOR)
KS	Kashmiri
KU	Kurdish
KY	Kirghiz
LA	Latin
LN	Lingala
LO	Laothian
LT	Lithuanian
LV	Latvian, Lettish
MG	Malagasy
MI	Maori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian
MR	Marathi
MS	Malay (MAY)
MT	Maltese
MY	Burmese
NA	Nauru
NE	Negali
NL	Dutch
NO	Norwegian
OC	Occitan
OM	(Afan) Oromo
OR	Oriya
PA	Panjabi
PL	Polish
PS	Pashto, Pushto
PT	Portuguese
QU	Quechua
RM	Rhaeto-Romance
RN	Kirundi
RO	Rumanian
RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SD	Sindhi
SG	Sangho
SH	Serbo-Croatian
SI	Singhalese
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian
SR	Serbian
SS	Siswati
ST	Sesotho
SU	Sundanese
SV	Swedish
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Setswana
TO	Tongan
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VI	Vietnamese
VO	Volapuk
WO	Wolof
XH	Xhosa
YO	Yoruba
ZU	Zulu

Specifications

Specifications and appearance are subject to change without prior notice.

General

Readable discs:
DVD VIDEO, DVD-R (Video format), DVD-RW (Video format), SVCD, Video CD, Audio CD (CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3 format, JPEG, DivX)
Video format: PAL, 625i/625p selectable

Other

Power requirements: AC 230 V ⁓, 50 Hz
Power consumption:
11.0 W (POWER ON), 1.0 W (STANDBY mode)
Mass: 1.5 kg
Dimensions (W x H x D):
435 mm x 44 mm x 201.5 mm

Video outputs

VIDEO OUT (pin jack): 1.0 Vp-p (75 Ω)
RGB Output: 700 mVp-p (75 Ω)
Component (pin jacks)
Y Output: 1.0 Vp-p (75 Ω)
Pb/Pr Output: 0.7 Vp-p (75 Ω)
Horizontal resolution: 500 lines or more

Audio outputs

ANALOG OUT (pin jack): 2.0 Vrms (10 kΩ)
DIGITAL OUT (COAXIAL): 0.5 Vp-p (75 Ω termination)

Audio characteristics

Frequency response
CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz
DVD (sampling frequency 48 kHz):
2 Hz to 22 kHz(4 Hz to 20 kHz for DTS and Dolby Digital bitstream signals)
DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz
Wow and flutter: Unmeasurable (less than ± 0.002%)
Total harmonic distortion: less than 0.009%

- Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
- “DTS” and “DTS Digital Out” are trademarks of Digital Theater Systems, Inc.
- “Official DivX Certified™ product” “Plays DivX® 5, DivX® 4, DivX® 3, and DivX® VOD video content (in compliance with DivX Certified™ technical requirements)” “DivX, DivX Certified, and associated logos are trademarks of DivXNetworks, Inc. and are used under license.”
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.
- “CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE ‘STANDARD DEFINITION’ OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.”

SAFETY INSTRUCTIONS
“SOME DOS AND DON’TS ON THE SAFE USE OF EQUIPMENT”

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer’s instructions. Switch off and withdraw the mains plug when making or changing connections.

Do consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

Do be careful with glass panels or doors on equipment.

DON’T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way–switch off, withdraw the mains plug and consult your dealer.

DON’T remove any fixed cover as this may expose dangerous voltages.

DON’T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Switch off using the switch on the equipment and make sure that your family know how to do this.

Special arrangements may need to be made for infirm or handicapped people.

DON’T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON’T listen to headphones at high volume as such use can permanently damage your hearing.

DON’T obstruct the ventilation of the equipment, for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the equipment.

DON’T use makeshift stands and NEVER fix legs with wood screws — to ensure complete safety always fit the manufacturer’s approved stand or legs with the fixings provided according to the instructions.

DON’T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

—NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case -this could result in a fatal electrical shock.;

—NEVER guess or take chances with electrical equipment of any kind -it is better to be safe than sorry!

XV-N327&N328[EK]3.indd 2
05.10.20 10:48:18 AM